

## SCITECH FILES

File 2:INSPEC 1898-2007/Aug W4  
(c) 2007 Institution of Electrical Engineers  
File 6:NTIS 1964-2007/Sep W2  
(c) 2007 NTIS, Intl Cpyrght All Rights Res  
File 8:Ei Compendex(R) 1884-2007/Aug W3  
(c) 2007 Elsevier Eng. Info. Inc.  
File 34:SciSearch(R) Cited Ref Sci 1990-2007/Aug W4  
(c) 2007 The Thomson Corp  
File 35:Dissertation Abs Online 1861-2007/Jul  
(c) 2007 ProQuest Info&Learning  
File 56:Computer and Information Systems Abstracts 1966-2007/Aug  
(c) 2007 CSA.  
File 57:Electronics & Communications Abstracts 1966-2007/Jul  
(c) 2007 CSA.  
File 95:TEME-Technology & Management 1989-2007/Sep W1  
(c) 2007 FIZ TECHNIK  
File 99:Wilson Appl. Sci & Tech Abs 1983-2007/Jul  
(c) 2007 The HW Wilson Co.  
File 144:Pascal 1973-2007/Aug W3  
(c) 2007 INIST/CNRS  
File 239:Mathsci 1940-2007/Oct  
(c) 2007 American Mathematical Society  
File 256:TecInfoSource 82-2007/Feb  
(c) 2007 Info.Sources Inc  
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec  
(c) 2006 The Thomson Corp  
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13  
(c) 2002 The Gale Group  
File 483:Newspaper Abs Daily 1986-2007/Sep 01  
(c) 2007 ProQuest Info&Learning

Set	Items	Description
S1	3688154	CIRCUIT? OR IC OR INTEGRATED(CIRCUIT OR SEMICONDUCTOR?)
S2	17703	S1(3N)(CORRECTION? OR CORRECTING OR CORRECT??)
S3	74203	S1(3N)(DETECT? OR IDENTIF? OR COMPARATOR? OR CORRELAT?)
S4	475069	BITS OR BIT
S5	87767	S4(3N)(ERROR?? OR FAULT?? OR FAULTY OR FLAW??? OR DISCREPANCY OR FAILURE OR FAILING)
S6	14508	S4(3N)(DETERMIN? OR PREDICT? OR COMPUTE?? OR ANTICIPAT?)
S7	0	PREDICTED(NEXT)BIT
S8	0	ACTUAL(NEXT)BIT
S9	159	NEXT(BIT
S10	865	S2 AND S3
S11	92	S10 AND S5
S12	5	S11 AND S6
S13	5	RD S12 (unique items)
S14	0	S11 AND S9
S15	0	S10 AND S9
S16	0	(S2 OR S3) AND S9
S17	91	(S2 OR S3) AND S6
S18	69	S17 AND (ERROR?? OR FAULT?? OR FAULTY OR FLAW??? OR DISCREPANCY OR FAILURE OR FAILING)
S19	1	S18 AND ACTUAL

S20 1 S19 NOT S12  
S21 0 S17 AND S9

## PATENT BIBLIOGRAPHIC FILES

File 347:JAPIO Dec 1976-2007/Mar(Updated 070809)

(c) 2007 JPO & JAPIO

File 350:Derwent WPIX 1963-2007/UD=200756

(c) 2007 The Thomson Corporation

Set	Items	Description
S1	3801412	CIRCUIT? OR IC OR INTEGRATED(CIRCUIT OR SEMICONDUCTOR?
S2	53733	S1(3N)(CORRECTION? OR CORRECTING OR CORRECT??)
S3	307429	S1(3N)(DETECT? OR IDENTIF? OR COMPARATOR? OR CORRELAT?)
S4	282801	BITS OR BIT
S5	15800	S4(3N)(ERROR?? OR FAULT?? OR FAULTY OR FLAW??? OR DISCREPA- NCY OR FAILURE OR FAILING)
S6	11964	S4(3N)(DETERMIN? OR PREDICT? OR COMPUTE?? OR ANTICIPAT?)
S7	2	PREDICTED(NEXT)BIT
S8	1	ACTUAL(NEXT)BIT
S9	700	NEXT(BIT
S10	2	S7 OR S8
S11	625	S2 AND S3 AND S5
S12	49	S11 AND S6
S13	2	S12 AND S9
S14	1	S13 NOT S10
S15	2957	(S2 OR S3) AND S5
S16	219	S15 AND S6
S17	2	S16 AND S9
S18	0	S17 NOT (S13 OR S10)
S19	889	(S2 OR S3) AND S6
S20	20	S19 AND S9
S21	18	S20 NOT (S10 OR S13)
S22	16	S21 NOT AD=20020625:20070906/PR

# FOREIGN FULLTEXT PATENT FILES

File 348:EUROPEAN PATENTS 1978-2007/ 200734

(c) 2007 European Patent Office

File 349:PCT FULLTEXT 1979-2007/UB=20070823UT=20070816

(c) 2007 WIPO/Thomson

Set	Items	Description
S1	804663	CIRCUIT? OR IC OR INTEGRATED()CIRCUIT OR SEMICONDUCTOR?
S2	17809	S1(3N)(CORRECTION? OR CORRECTING OR CORRECT??)
S3	82602	S1(3N)(DETECT? OR IDENTIF? OR COMPARATOR? OR CORRELAT?)
S4	226843	BITS OR BIT
S5	24466	S4(3N)(ERROR?? OR FAULT?? OR FAULTY OR FLAW??? OR DISCREPANCY OR FAILURE OR FAILING)
S6	23384	S4(3N)(DETERMIN? OR PREDICT? OR COMPUTE?? OR ANTICIPAT?)
S7	3	PREDICTED()NEXT()BIT
S8	0	ACTUAL()NEXT()BIT
S9	267	S2(S)S3(S)S5
S10	41	S9(S)S6
S11	22	S10 AND IC=(G01R? OR G06F?)
S12	22	S11 NOT AD=20020625:20070907/PR
S13	22	S12 NOT S7
S14	2397	NEXT()BIT
S15	16	(S2 OR S3)(10N)S14
S16	15	S15 NOT (S7 OR S12)
S17	13	S16 NOT AD=20020625:20070907/PR
S18	52	S14(10N)S5
S19	0	S18(10N)ACTUAL
S20	3	S18(3N)(DETERMIN? OR PREDICT? OR COMPUTE?? OR ANTICIPAT?)
S21	3	S20 NOT (S7 OR S12 OR S15)
S22	3	S9(S)S14
S23	2	S22 NOT (S15 OR S7 OR S12)
S24	155	S14(3N)(DETERMIN? OR PREDICT? OR COMPUTE?? OR ANTICIPAT?)
S25	5	S24(S)(S2 OR S3)
S26	4	S25 NOT (S22 OR S15 OR S17 OR S12)

## BUSINESS FULLTEXT FILES

File 9:Business & Industry(R) Jul/1994-2007/Aug 29  
(c) 2007 The Gale Group

File 15:ABI/Inform(R) 1971-2007/Sep 05  
(c) 2007 ProQuest Info&Learning

File 484:Periodical Abs Plustext 1986-2007/Sep W1  
(c) 2007 ProQuest

File 813:PR Newswire 1987-1999/Apr 30  
(c) 1999 PR Newswire Association Inc

File 613:PR Newswire 1999-2007/Sep 05  
(c) 2007 PR Newswire Association Inc

File 635:Business Dateline(R) 1985-2007/Sep 01  
(c) 2007 ProQuest Info&Learning

File 810:Business Wire 1986-1999/Feb 28  
(c) 1999 Business Wire

File 610:Business Wire 1999-2007/Sep 06  
(c) 2007 Business Wire.

File 369:New Scientist 1994-2007/Aug W2  
(c) 2007 Reed Business Information Ltd.

File 370:Science 1996-1999/Jul W3  
(c) 1999 AAAS

File 16:Gale Group PROMT(R) 1990-2007/Sep 03  
(c) 2007 The Gale Group

File 47:Gale Group Magazine DB(TM) 1959-2007/Aug 22  
(c) 2007 The Gale group

File 148:Gale Group Trade & Industry DB 1976-2007/Aug 31  
(c)2007 The Gale Group

File 160:Gale Group PROMT(R) 1972-1989  
(c) 1999 The Gale Group

File 275:Gale Group Computer DB(TM) 1983-2007/Jul 24  
(c) 2007 The Gale Group

File 621:Gale Group New Prod.Annou.(R) 1985-2007/Aug 31  
(c) 2007 The Gale Group

File 624:McGraw-Hill Publications 1985-2007/Sep 05  
(c) 2007 McGraw-Hill Co. Inc

File 634:San Jose Mercury Jun 1985-2007/Aug 31  
(c) 2007 San Jose Mercury News

File 636:Gale Group Newsletter DB(TM) 1987-2007/Sep 03  
(c) 2007 The Gale Group

File 647:CMP Computer Fulltext 1988-2007/Sep W4  
(c) 2007 CMP Media, LLC

File 674:Computer News Fulltext 1989-2006/Sep W1  
(c) 2006 IDG Communications

File 696:DIALOG Telecom. Newsletters 1995-2007/Sep 05  
(c) 2007 Dialog

Set Items Description

S1 2822097 CIRCUIT? OR IC OR INTEGRATED(CIRCUIT OR SEMICONDUCTOR?

S2 5770 S1(3N)(CORRECTION? OR CORRECTING OR CORRECT??)

S3 19090 S1(3N)(DETECT? OR IDENTIF? OR COMPARATOR? OR CORRELAT?)

S4 1962674 BITS OR BIT

S5 17055 S4(3N)(ERROR?? OR FAULT?? OR FAULTY OR FLAW??? OR DISCREPANCY OR FAILURE OR FAILING)

S6 25188 S4(3N)(DETERMIN? OR PREDICT? OR COMPUTE?? OR ANTICIPAT?)

S7 0 PREDICTED(NEXT)BIT  
S8 0 ACTUAL(NEXT)BIT  
S9 589 NEXT)BIT  
S10 50 S2(S)S3(S)S5  
S11 1 S10(S)S6  
S12 0 S10(S)S9  
S13 48 S10 NOT PY=>2003  
S14 39 RD S13 (unique items)  
S15 9 S9(3N)(DETERMIN? OR PREDICT? OR COMPUTE?? OR ANTICIPAT?)  
S16 0 (S2 OR S3)(S)S15  
S17 9 S15 NOT S14  
S18 7 RD S17 (unique items)